

Function	Measuring range	Resolution	Accuracy
Step voltage, Contact voltage (measuring range $U_m$ )	0.01 ... 19.99 mV 20.0 ... 199.9 mV 200 ... 1999 mV 2.00 ... 19.99 V 20.0 V ... 59.9 V	0.01 mV 0.1 mV 1 mV 0.01 V 0.1 V	$\pm(2\%$ of reading + 2 digits)
Step voltage, Contact voltage (calculated measuring range U)	0.0 ... 199.9 V 200 ... 999 V	0.1 V 1 V	calculated value*
Test current	55 A max		
Test voltage	< 55 V		
Test frequency	55 Hz		
Input resistance	Selectable 1 M $\Omega$ / 1k $\Omega$		
Current	0.00 ... 9.99 A 10.0 ... 99.9 A	0.01 A 0.1 A	$\pm(3\%$ of reading + 5 digits) $\pm(3\%$ of reading + 3 digits)
Resistance to earth	0.001 ... 1.999 $\Omega$ 2.00 ... 19.99 $\Omega$ 20.0... 99.9 $\Omega$ 100.0 ... 199.9 $\Omega$	0.001 $\Omega$ 0.01 $\Omega$ 0.1 $\Omega$ 0.1 $\Omega$	$\pm(2\%$ of reading + 5 digits) $\pm(2\%$ of reading + 5 digits) $\pm(2\%$ of reading + 5 digits) $\pm(5\%$ of reading)
Specific earth resistance	0.00 ... 9.99 $\Omega m$ 10.0 ... 99.9 $\Omega m$ 100 ... 999 $\Omega m$ 1.00 k ... 9.99 k $\Omega m$ 10.0 k ... 99.9 k $\Omega m$	0.01 $\Omega m$ 0.1 $\Omega m$ 1 $\Omega m$ 10 $\Omega m$ 100 $\Omega m$	Calculated value, consider accuracy of Resistance to earth function.
Open circuit voltage	< 50 V <sub>AC</sub>		
Test current	< 7.5 A		
Test frequency	55 Hz		

## General

### STATION

Power supply	230 V / 50 or 60 Hz
Communication port	RS232
Memory	1000 memory locations
Overtoltage category	CAT II / 300 V
Measuring category	CAT IV / 50 V
Protection degree	IP 30
Display	LCD, 128 x 64 dots, with backlight
Dimensions	563 x 275 x 257 mm
Weight	29.5 kg

### METER

Power supply	6 x 1.2 V rechargeable battery, type AA
Operation time	12 h (typical)
Communication ports	USB, RS232
Memory	1500 memory locations
Measuring category	CAT IV / 50 V
Protection degree	IP 40
Display	LCD, 128 x 64 dots, with backlight
Dimensions	230 x 103 x 115 mm
Weight	1.3 kg